

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the paragraph occurring at Page 64, lines 3-17 as follows:

The "aliphatic C₂ to C₂₂ acyl group" used in the specification of the present application refers to a group obtained by bonding a carbonyl group to a terminal of the above-defined "C₁ to C₂₂ alkyl group" or "unsaturated C₂ to C₂₂ alkyl group". Examples include an acetyl group, propionyl group, butyryl group, iso-butyryl group, valeryl group, iso-valeryl group, pivaloyl group, caproyl group, decanoyl group, lauroyl group, myristoyl group, palmitoyl group, stearoyl group, arachidoyl group, acryloyl group, ~~propionyl~~ propionyl group, ~~crotonyl~~ crotonyl group, ~~iso-crotonyl~~ iso-crotonyl group, ~~oleinyl~~ oleoyl group and linolenoyl group. An aliphatic acyl group having 2 to 6 carbon atoms, for example, an acetyl group, propionyl group, butyryl group, isobutyryl group and acryloyl group are preferable.

Please amend the paragraph occurring at Page 65, lines 1-7 as follows:

The "C₁ to C₂₂ alkylsulfonyl group" used in the specification of the present application refers to a sulfonyl group to which the above-defined "C₁ to C₂₂ alkyl group" is bonded. Specific examples include a ~~methylsulfonyl~~ methanesulfonyl group, ~~ethylsulfonyl~~ ethanesulfonyl group, ~~n-propylsulfonyl~~ n-propanesulfonyl group and ~~iso-propylsulfonyl~~ iso-propanesulfonyl group. For example, a ~~methylsulfonyl~~ methanesulfonyl group is preferable.

Please amend the paragraph occurring at Page 66, line 23 through Page 67, line 2 as follows:

The "C₁ to C₂₂ alkylsulfinyl group" used in the specification of the present application refers to a group obtained by bonding a sulfinyl group to a terminal of the above-defined "C₁ to C₂₂ alkyl group". Examples include a ~~meth~~ylsulfinyl methanesulfinyl group, ~~ethylsulfinyl~~ ethanesulfinyl group, ~~n-propylsulfinyl~~ n-propanesulfinyl group and ~~iso-propylsulfinyl~~ iso-propanesulfinyl group. For example, a ~~meth~~ylsulfinyl methanesulfinyl group and ~~ethylsulfinyl~~ ethanesulfinyl group are preferable.

Please amend the paragraph occurring at Page 67, line 9 through Page 71, line 26 as follows:

Given as the substituent in a group "which may have a substituent" used in the specification of the present application is one or more groups selected from:

- (1) a halogen atom,
- (2) a hydroxyl group,
- (3) a thiol group,
- (4) a nitro group,
- (5) a nitroso group,
- (6) a cyano group,
- (7) a carboxyl group,
- (8) a ~~hydroxy-sulfonyl~~ sulfonyloxy group,
- (9) an amino group,
- (10) a C₁ to C₂₂ alkyl group
(for example, a methyl group, ethyl group, n-propyl group, iso-propyl group, n-butyl group, iso-butyl group, sec-butyl group or tert-butyl group),
- (11) an unsaturated C₂ to C₂₂ alkyl group

(for example, a vinyl group, allyl group, 1-propenyl group, isopropenyl group, ethynyl group, 1-propynyl group, 2-propynyl group, 1-butylnyl group, 2-butylnyl group or 3-butylnyl group),

(12) a C₆ to C₁₄ aryl group

(for example, a phenyl group, 1-naphthyl group or 2-naphthyl group),

(13) a 5-membered to 14-membered heteroaryl group

(for example, a thienyl group, furyl group, pyridinyl group, pyridazinyl group, pyrimidinyl group or pyrazinyl group),

(14) a 3-membered to 14-membered non-aromatic heterocyclic group

(for example, an aziridinyl group, azetidyl group, pyrrolidinyl group, pyrrolyl group, piperidinyl group, piperazinyl group, homopiperidinyl group, homopiperazinyl group, imidazolyl group, pyrazolidinyl group, imidazolidyl group, morpholinyl group, thiomorpholinyl group, imidazolinyl group, oxazolinyl group or quinuclidinyl group),

(15) a C₃ to C₁₄ cycloalkyl group (for example, a cyclopropyl group, cyclobutyl group, cyclopentyl group, cyclohexyl group, cycloheptyl group or cyclooctyl group),

(16) a C₁ to C₂₂ alkoxy group

(for example, a methoxy group, ethoxy group, n-propoxy group, iso-propoxy group, sec-propoxy group, n-butoxy group, iso-butoxy group or tert-butoxy group),

(17) an unsaturated C₂ to C₂₂ alkoxy group

(for example, a vinyloxy group, allyloxy group, 1-propenyloxy group, isopropenyloxy group, ethynyloxy group, 1-propynyloxy group, 2-propynyloxy group, 1-butyloxy group or 2-butyloxy group),

(18) a C₆ to C₁₄ aryloxy group

(for example, a phenyloxy group, 1-naphthyloxy group or 2-naphthyloxy group),

(19) a C₇ to C₂₂ aralkyloxy group

(for example, a benzyloxy group, phenethyloxy group, 3-phenylpropyloxy group, 4-

phenylbutoxy group, 1-naphthylmethoxy group or 2-naphthylmethoxy group),

(20) a 5-membered to 14-membered heteroaralkyloxy group

(for example, a thienylmethoxy group, furylmethoxy group, pyridinylmethoxy group, pyridazinylmethoxy group, pyrimidinylmethoxy group or pyrazinylmethoxy group),

(21) a 5-membered to 14-membered heteroaryloxy group

(for example, a thienyloxy group, furyloxy group, pyridinyloxy group, pyridazininyloxy group, pyrimidinyloxy group or pyrazinyloxy group),

(22) an aliphatic C₂ to C₂₂ acyl group

(for example, an acetyl group, propionyl group, butyryl group, iso-butyryl group, valeryl group, iso-valeryl group, ~~pivalyl~~ pivaloyl group, caproyl group, decanoyl group, lauroyl group, myristoyl group, palmitoyl group, stearoyl group, arachidoyl group, ~~acrylyl~~ acryloyl group, ~~propiolie~~ propioloyl group, ~~crotonyl~~ crotonoyl group, ~~iso-crotonyl~~ iso-crotonoyl group, ~~oleinoyl~~ oleoyl group or linolenoyl group), (23) an aromatic C₇ to C₁₅ acyl group

(for example, a benzoyl group, 1-naphthoyl group or 2-naphthoyl group),

(24) an aliphatic C₂ to C₂₂ acyloxy group

(for example, an acetoxy group, propionyloxy group or acryloxy group),

(25) a C₂ to C₂₂ alkoxycarbonyl group

(for example, a methoxycarbonyl group, ethoxycarbonyl group, n-propoxycarbonyl group, iso-propoxycarbonyl group, n-butoxycarbonyl group, iso-butoxycarbonyl group, sec-butoxycarbonyl group or tert-butoxycarbonyl group),

(26) an unsaturated C₃ to C₂₂ alkoxycarbonyl group

(for example, a vinyloxy carbonyl group, allyloxy carbonyl group, 1-propenyloxy carbonyl group, isopropenyloxy carbonyl group, propargyloxy carbonyl group or 2-butyloxy carbonyl group),

(27) a C₁ to C₂₂ alkylthio group

(for example, a methylthio group, ethylthio group, n-propylthio group or iso-propylthio group),

(28) a C₁ to C₂₂ alkylsulfinyl group

(for example, a ~~methylsulfinyl~~ methanesulfinyl group, ~~ethylsulfinyl~~ ethanesulfinyl group, ~~n-propylsulfinyl~~ n-propanesulfinyl group or ~~iso-propylsulfinyl~~ iso-propanesulfinyl group),

(29) a C₁ to C₂₂ alkylsulfonyl group

(for example, a ~~methylsulfonyl~~ methanesulfonyl group, ~~ethylsulfonyl~~ ethanesulfonyl group, ~~n-propylsulfonyl~~ n-propanesulfonyl group or ~~iso-propylsulfonyl~~ iso-propanesulfonyl group),

(30) a C₆ to C₁₄ arylsulfonyl group

(for example, a benzenesulfonyl group, 1-naphthalenesulfonyl group or 2-naphthalenesulfonyl group),

(31) a C₁ to C₂₂ alkylsulfonyloxy group

(for example, a ~~methylsulfonyloxy~~ methanesulfonyloxy group, ~~ethylsulfonyloxy~~ ethanesulfonyloxy group, ~~n-propylsulfonyloxy~~ n-propanesulfonyloxy group or ~~iso-propylsulfonyloxy~~ iso-propanesulfonyloxy group),

(32) a carbamoyl group,

(33) a formyl group, and the like. For example, an amino group, a C₁ to C₂₂ alkyl group, an unsaturated C₂ to C₂₂ alkyl group, a C₆ to C₁₄ aryl group, a 5-membered to 14-membered heteroaryl group, a 3-membered to 14-membered non-aromatic heterocyclic group and a C₃ to C₁₄ cycloalkyl group are preferable. In particular, the substituent is preferably one or two substituents such as an amino group, a C₁ to C₂₂ alkyl group, a 3-membered to 14-membered non-aromatic heterocyclic group, and a C₃ to C₁₄ cycloalkyl group, for example. In addition, the above-described amino group (9) and carbamoyl group (31) given as the substituents in the

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above-described group "which may have a substituent" may be each further substituted with one or two C₁ to C₂₂ alkyl groups, unsaturated C₂ to C₂₂ alkyl groups or C₆ to C₁₄ aryl groups.